



Western Michigan University
ScholarWorks at WMU

Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

8-23-2021

2021-08-23_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

Follow this and additional works at: <https://scholarworks.wmich.edu/michigan-covid-data-state-cumulative>



Part of the Public Health Commons

WMU ScholarWorks Citation

Michigan Department of Health & Human Services, "2021-08-23_MichiganOverview_COVIDstats" (2021).
Cumulative Michigan COVID-19 Data. 456.

<https://scholarworks.wmich.edu/michigan-covid-data-state-cumulative/456>

This Website is brought to you for free and open access
by the Michigan COVID-19 State Data at ScholarWorks at
WMU. It has been accepted for inclusion in Cumulative
Michigan COVID-19 Data by an authorized administrator
of ScholarWorks at WMU. For more information, please
contact wmu-scholarworks@wmich.edu.



Coronavirus

MI SAFE START

CONTAIN COVID

RESOURCES

PRESS RELEASES

DONATE

VIDEO UPDATES

CORONAVIRUS / MICHIGAN DATA

Michigan Data

Hospitals

Long Term
Care Facilities

Coronavirus
Symptoms

Cumulative
Recovered

Outbreak
Reporting

School-Related
Outbreak
Reporting

Wastewater
Surveillance

Testing
Turnaround
Time

MIS-C Data
and Reporting

Data and
Modeling
Updates

COVID case and testing data will be posted three times a week on Mondays, Wednesdays and Fridays.

Note on cases (08/23/2021): Today's daily case count represents new referrals of confirmed cases to the MDSS since the last web update report. Over the three days (Saturday, Sunday, and Monday), the average number of new confirmed cases is ~1273 per day.

Note on deaths (08/23/2021): Regular reviews of death certificate data maintained in Vital Records reporting systems are conducted by MDHHS staff three times per week. As a part of this process, records that identify COVID-19 infection as a contributing factor to death are compared against all laboratory confirmed cases of COVID-19 in the Michigan Disease Surveillance System (MDSS). If a death certificate is matched to a confirmed COVID-19 case and that record in the MDSS does not indicate the individual died, the MDSS record is updated to indicate the death and the appropriate local health department is notified. These matched deaths are then included with mortality information posted to the Michigan Coronavirus website. As a result of the most recent assessment, today's data includes **5** additional deaths identified by this methodology.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday, Wednesday & Friday. **Looking for COVID-19 Vaccine data? Click here.**

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County

27-847

848-3346

3347-11814

11815-124737

124738+

Michigan

Monday, August 23, 2021

Current Totals

Laboratory Testing

Test Type	Tests Performed
Diagnostic	15,074,294
Serology	664,491
Total	15,738,785

Microsoft Power BI

< 1 of 7 >

https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173---,00.html

1/2

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	5.35%	3.20%
Non-Hispanic Latino	70.52%	85.76%
Unknown	24.13%	11.04%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	2.83%	1.75%
Non-Arab	50.66%	54.20%
Unknown	46.51%	44.05%

Totals may not add to 100% due to rounding

**PUBLIC USE DATASETS 08/23/2021**

(Downloadable .xlsx files)

[Cases and Deaths by County](#)

[Cases and Deaths by County by Date of Onset of Symptoms and Date of Death](#)

[Cases by Demographics Statewide](#)

[COVID-19 Tests by County](#)

[Diagnostic Tests by Result and County](#)

[MICHIGAN.GOV HOME](#)
[ADA](#)
[MICHIGAN NEWS](#)
[POLICIES](#)

COPYRIGHT 2021 STATE OF MICHIGAN

Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 08/20/2021): 878,031

During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on August 20, 2021 represents COVID-19 confirmed individuals with an onset date on or prior to July 21, 2021. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Monday.

Source: Michigan Disease Surveillance System and Vital Records

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All

Select County:

All

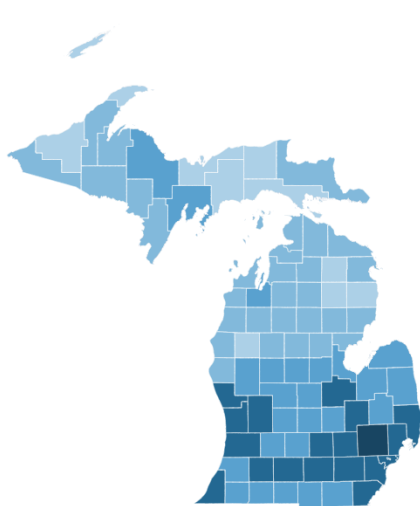
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County



- 27-847
- 848-3346
- 3347-11814
- 11815-124737
- 124738+

Michigan

Monday, August 23, 2021

Michigan (Statewide) Case Fatality Rate

2.2%

Current Totals

Case Status	Cases	Deaths
Confirmed	933,394	20,123
Probable	111,564	1,282
Total	1,044,958	21,405

Laboratory Testing

Test Type	Tests Performed
Diagnostic	15,074,294
Serology	664,491
Total	15,738,785

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All

Select County:

All

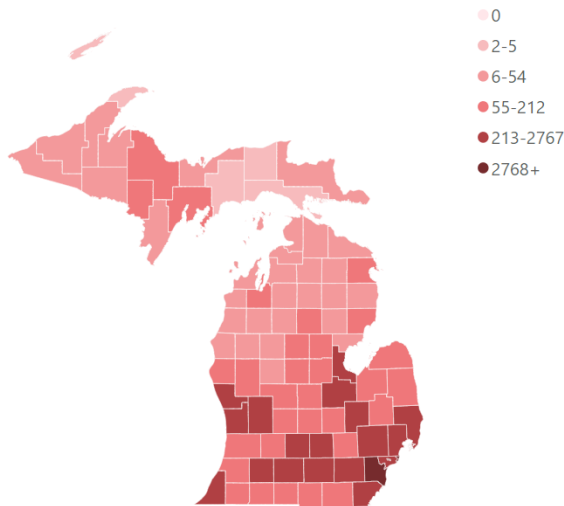
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID-19 indicated on their death certificate where there is no available evidence of a confirmatory test result (positive or negative).

Deaths by County



Michigan

Monday, August 23, 2021

Michigan (Statewide) Case Fatality Rate

2.2%

Current Totals

Case Status	Cases	Deaths
Confirmed	933,394	20,123
Probable	111,564	1,282
Total	1,044,958	21,405

Laboratory Testing

Test Type	Tests Performed
Diagnostic	15,074,294
Serology	664,491
Total	15,738,785

Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Cases by Status

The number of daily confirmed cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms.

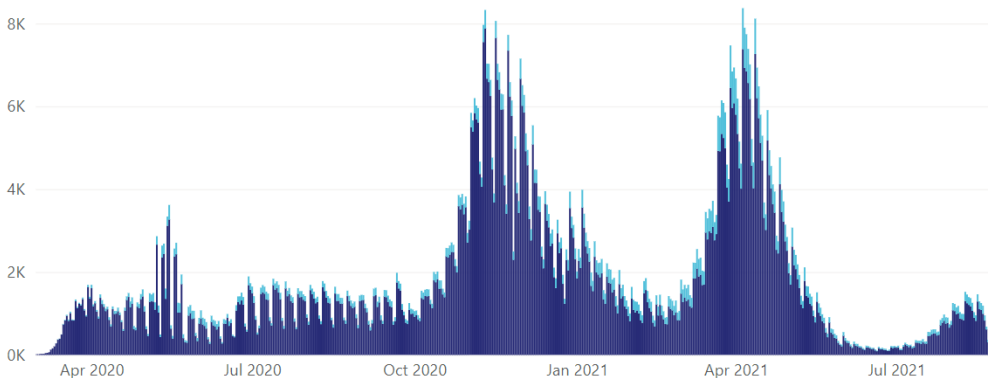
Filter by Date:

3/1/2020

8/23/2021

Cases by Date of Onset

Case Status ● Confirmed ● Probable



Cases

Deaths

View Table

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Deaths by Status

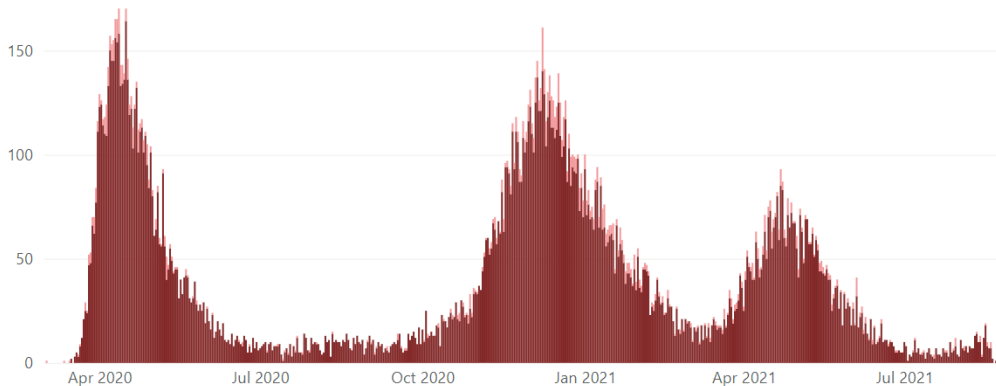
Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

Filter by Date:

3/1/2020

8/23/2021

Deaths by Date of Death

Case Status ● Confirmed ● Probable

View Table

View Chart

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of onset and their manner of death is listed as natural. Deaths are shown by date of death.

Filter By Date:

3/1/2020

8/23/2021

Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

● Confirmed Cases ● Deaths

1.0M

0.8M

0.6M

0.4M

0.2M

0.0M

Apr 2020

Jul 2020

Oct 2020

Jan 2021

Apr 2021

Jul 2021

Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

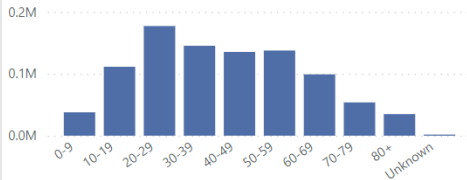
Select Preparedness Region:

All

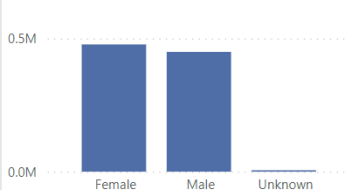
Select county:

All

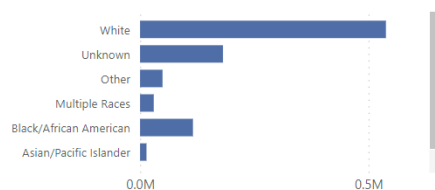
Cases by Age Group



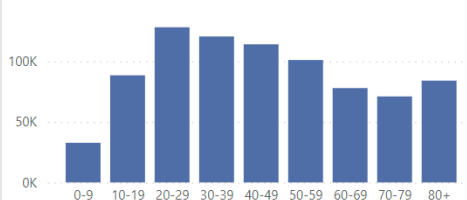
Cases by Sex



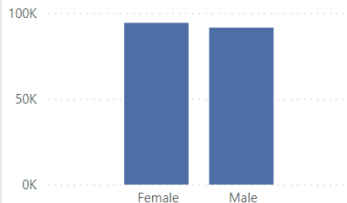
Cases by Race



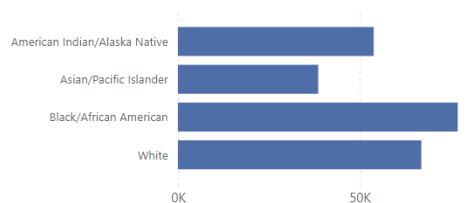
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

☐ Confirmed☒ Probable

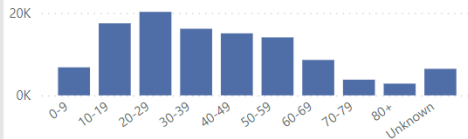
Select Preparedness Region:

All

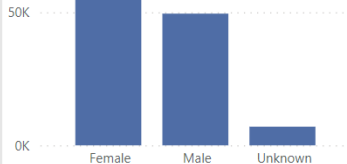
Select county:

All

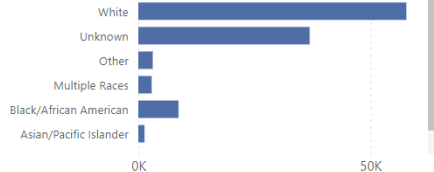
Cases by Age Group



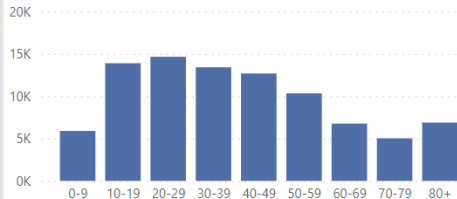
Cases by Sex



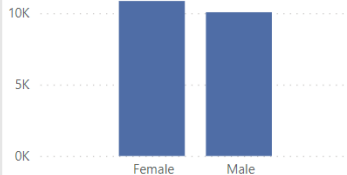
Cases by Race



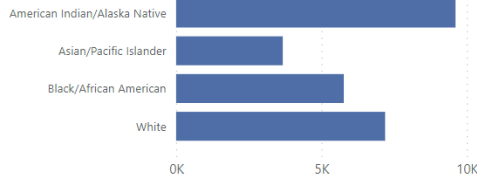
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

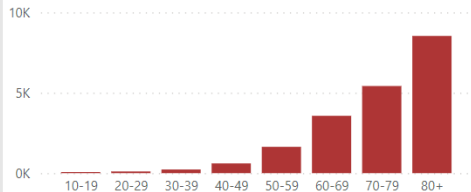
Select Preparedness Region:

All

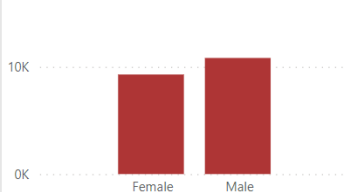
Select county:

All

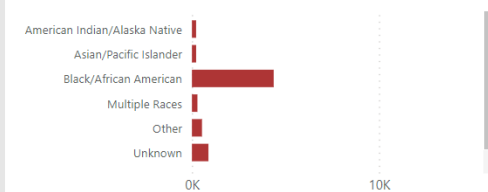
Deaths by Age Group



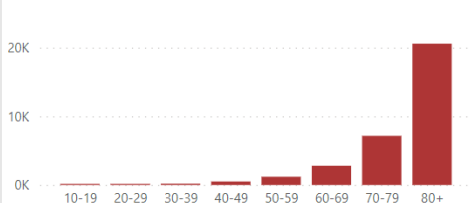
Deaths by Sex



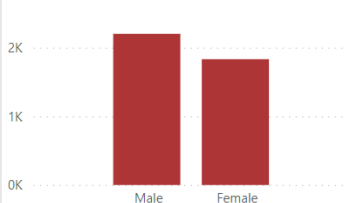
Deaths by Race



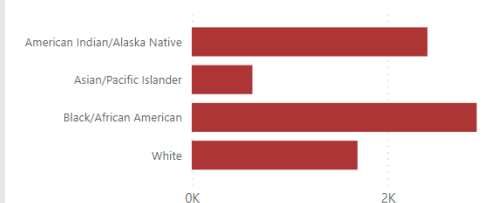
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☐ Confirmed
☒ Probable

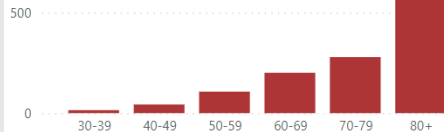
Select Preparedness Region:

All

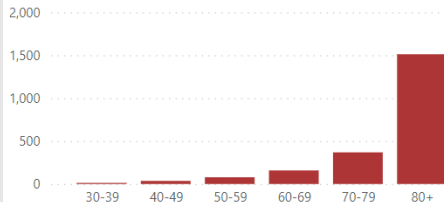
Select county:

All

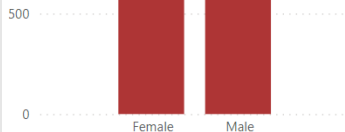
Deaths by Age Group



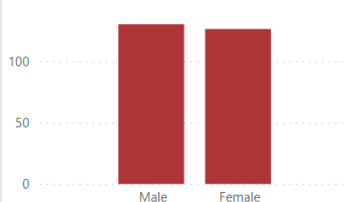
Deaths per Million by Age Group



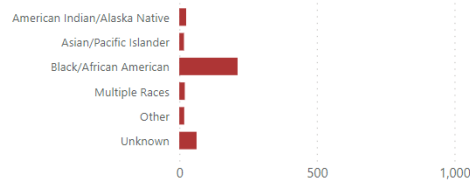
Deaths by Sex



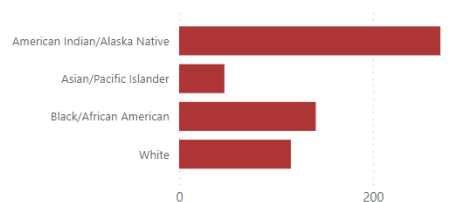
Deaths per Million by Sex



Deaths by Race



Deaths per Million by Race



[View Table](#)[View Charts](#)

Select Preparedness Region:

All

Select County:

All

Confirmatory tests are used to find current infection and look for genes from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Total Covid-19 Laboratory Tests

Total testing includes both confirmatory tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to COVID-19.

Filter by Date:

3/10/2020

8/22/2021

Total Laboratory Tests by Type and Date

Test Type ● Diagnostic ● Serology

100K

50K

0K

Apr 2020

Jul 2020

Oct 2020

Jan 2021

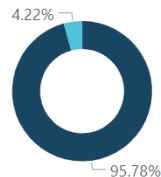
Apr 2021

Jul 2021

Total Tests Completed to Date

Test Type	Count	Tests per Million Residents
Diagnostic	15,074,294	1,508,768
Serology	664,491	66,508
Total	15,738,785	1,575,276

Percent of Tests Completed by Type



Test Type

● Diagnostic

● Serology

View Table

View Charts

Select Preparedness Region

All



Select County

All



Confirmatory tests are used to find current infection and look for genes from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) tests. Confirmatory tests do not include serology tests which look for antibodies to SARS-Cov-2 in the blood.

Confirmatory Covid-19 Laboratory Tests

Confirmatory tests are used to determine if an individual is currently infected with COVID-19.

Filter by Date

3/10/2020

8/22/2021



Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive

100K

50K

0K

Apr 2020

Jul 2020

Oct 2020

Jan 2021

Apr 2021

Jul 2021

Percent of Confirmatory Tests That Were Positive

Positivity
60%
40%
20%
0%

Apr 2020

Jul 2020

Oct 2020

Jan 2021

Apr 2021

Jul 2021

Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county. County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2021-08-23

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2021/08/23 14:56:23	Alcona	664	31	136	5
2021/08/23 14:56:23	Alger	333	3	206	4
2021/08/23 14:56:23	Allegan	10597	140	1219	24
2021/08/23 14:56:23	Alpena	1933	64	535	2
2021/08/23 14:56:23	Antrim	1365	27	354	6
2021/08/23 14:56:23	Arenac	1154	29	119	0
2021/08/23 14:56:23	Baraga	719	40	129	0
2021/08/23 14:56:23	Barry	5607	67	626	6
2021/08/23 14:56:23	Bay	10966	346	696	14
2021/08/23 14:56:23	Benzie	1107	37	227	1
2021/08/23 14:56:23	Berrien	14515	279	1686	20
2021/08/23 14:56:23	Branch	4992	95	442	4
2021/08/23 14:56:23	Calhoun	12985	307	2280	18
2021/08/23 14:56:23	Cass	5039	72	743	6
2021/08/23 14:56:23	Charlevoix	1469	26	408	0
2021/08/23 14:56:23	Cheboygan	1651	48	352	2
2021/08/23 14:56:23	Chippewa	1164	29	1474	5
2021/08/23 14:56:23	Clare	2170	86	442	1
2021/08/23 14:56:23	Clinton	6247	89	1748	8
2021/08/23 14:56:23	Crawford	959	14	78	0
2021/08/23 14:56:23	Delta	3604	76	761	19
2021/08/23 14:56:23	Dickinson	2473	59	403	15
2021/08/23 14:56:23	Eaton	9273	202	1382	11
2021/08/23 14:56:23	Emmet	2043	42	478	1
2021/08/23 14:56:23	Genesee	34764	924	8636	68
2021/08/23 14:56:23	Gladwin	1979	57	391	4
2021/08/23 14:56:23	Gogebic	1138	24	370	29
2021/08/23 14:56:23	Grand Traverse	5943	87	900	14
2021/08/23 14:56:23	Gratiot	3349	117	871	4
2021/08/23 14:56:23	Hillsdale	4281	94	368	3
2021/08/23 14:56:23	Houghton	2633	35	626	8
2021/08/23 14:56:23	Huron	3172	77	1053	7
2021/08/23 14:56:23	Ingham	23687	393	2383	8
2021/08/23 14:56:23	Ionia	6515	78	97	3
2021/08/23 14:56:23	Iosco	1931	72	202	6
2021/08/23 14:56:23	Iron	1028	43	73	10
2021/08/23 14:56:23	Isabella	5565	97	971	5
2021/08/23 14:56:23	Jackson	15536	294	1242	7
2021/08/23 14:56:23	Kalamazoo	21579	370	3028	40
2021/08/23 14:56:23	Kalkaska	1141	29	85	0
2021/08/23 14:56:23	Kent	71279	811	5345	67
2021/08/23 14:56:23	Keweenaw	146	1	33	1
2021/08/23 14:56:23	Lake	633	16	45	1
2021/08/23 14:56:23	Lapeer	8145	206	1467	2

2021/08/23 14:56:23	Leelanau	1097	19	235	2
2021/08/23 14:56:23	Lenawee	9045	169	806	5
2021/08/23 14:56:23	Livingston	15711	187	2131	13
2021/08/23 14:56:23	Luce	233	4	263	1
2021/08/23 14:56:23	Mackinac	497	3	266	0
2021/08/23 14:56:23	Macomb	95236	2392	8785	130
2021/08/23 14:56:23	Manistee	1199	22	113	4
2021/08/23 14:56:23	Marquette	4334	64	866	1
2021/08/23 14:56:23	Mason	2171	38	137	1
2021/08/23 14:56:23	Mecosta	3157	37	191	1
2021/08/23 14:56:23	Menominee	1898	42	401	2
2021/08/23 14:56:23	Midland	7156	97	724	3
2021/08/23 14:56:23	Missaukee	1299	21	246	8
2021/08/23 14:56:23	Monroe	13324	245	2798	24
2021/08/23 14:56:23	Montcalm	5689	114	610	2
2021/08/23 14:56:23	Montmorency	559	19	117	1
2021/08/23 14:56:23	Muskegon	16460	366	584	10
2021/08/23 14:56:23	Newaygo	4709	68	346	2
2021/08/23 14:56:23	Oakland	107485	2359	17254	139
2021/08/23 14:56:23	Oceana	2712	58	151	3
2021/08/23 14:56:23	Ogemaw	1583	43	285	1
2021/08/23 14:56:23	Ontonagon	452	21	63	1
2021/08/23 14:56:23	Osceola	1767	31	270	0
2021/08/23 14:56:23	Oscoda	599	29	108	2
2021/08/23 14:56:23	Otsego	2007	36	448	5
2021/08/23 14:56:23	Ottawa	31723	396	2535	52
2021/08/23 14:56:23	Presque Isle	911	33	181	1
2021/08/23 14:56:23	Roscommon	1656	53	292	2
2021/08/23 14:56:23	Saginaw	20969	615	1448	21
2021/08/23 14:56:23	Sanilac	3804	118	539	8
2021/08/23 14:56:23	Schoolcraft	371	4	96	1
2021/08/23 14:56:23	Shiawassee	5990	108	788	2
2021/08/23 14:56:23	St Clair	15770	435	3213	22
2021/08/23 14:56:23	St Joseph	5824	98	734	6
2021/08/23 14:56:23	Tuscola	5051	164	845	12
2021/08/23 14:56:23	Van Buren	7045	124	523	14
2021/08/23 14:56:23	Washtenaw	25330	300	2581	7
2021/08/23 14:56:23	Wayne	106980	2608	8883	161
2021/08/23 14:56:23	Wexford	2612	44	354	4
2021/08/23 14:56:23	MDOC	25961	152	845	3
2021/08/23 14:56:23	FCI	315	5	5	0
2021/08/23 14:56:23	Out-of-State	1726	12	155	2
2021/08/23 14:56:23	Unknown	8	0	20	0
2021/08/23 14:56:23	Detroit City	53496	2337	4219	144

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2021-08-23

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	152	0
Confirmed	10-19	American Indian/Alaska Native	Female	363	0
Confirmed	20-29	American Indian/Alaska Native	Female	530	0
Confirmed	30-39	American Indian/Alaska Native	Female	419	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Female	377	Suppressed
Confirmed	50-59	American Indian/Alaska Native	Female	365	12
Confirmed	60-69	American Indian/Alaska Native	Female	240	20
Confirmed	70-79	American Indian/Alaska Native	Female	123	27
Confirmed	80+	American Indian/Alaska Native	Female	71	34
Confirmed	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Confirmed	0-9	Asian/Pacific Islander	Female	290	0
Confirmed	10-19	Asian/Pacific Islander	Female	855	0
Confirmed	20-29	Asian/Pacific Islander	Female	1540	0
Confirmed	30-39	Asian/Pacific Islander	Female	1351	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Female	1149	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Female	939	7
Confirmed	60-69	Asian/Pacific Islander	Female	493	13
Confirmed	70-79	Asian/Pacific Islander	Female	251	29
Confirmed	80+	Asian/Pacific Islander	Female	148	36
Confirmed	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Confirmed	0-9	Black/African American	Female	2787	Suppressed
Confirmed	10-19	Black/African American	Female	5913	Suppressed
Confirmed	20-29	Black/African American	Female	12379	20
Confirmed	30-39	Black/African American	Female	10970	33
Confirmed	40-49	Black/African American	Female	8749	86
Confirmed	50-59	Black/African American	Female	7387	226
Confirmed	60-69	Black/African American	Female	5735	459
Confirmed	70-79	Black/African American	Female	3176	563
Confirmed	80+	Black/African American	Female	2041	690
Confirmed	Unknown	Black/African American	Female	23	0
Confirmed	0-9	Multiple Races	Female	822	0
Confirmed	10-19	Multiple Races	Female	2361	Suppressed
Confirmed	20-29	Multiple Races	Female	3066	0
Confirmed	30-39	Multiple Races	Female	2235	0
Confirmed	40-49	Multiple Races	Female	2204	Suppressed
Confirmed	50-59	Multiple Races	Female	2235	9
Confirmed	60-69	Multiple Races	Female	1622	20
Confirmed	70-79	Multiple Races	Female	883	33
Confirmed	80+	Multiple Races	Female	554	68
Confirmed	Unknown	Multiple Races	Female	13	0
Confirmed	0-9	Other	Female	1420	Suppressed
Confirmed	10-19	Other	Female	3363	Suppressed
Confirmed	20-29	Other	Female	5285	0
Confirmed	30-39	Other	Female	4106	Suppressed
Confirmed	40-49	Other	Female	3750	9
Confirmed	50-59	Other	Female	2908	22
Confirmed	60-69	Other	Female	1775	53

Confirmed	70-79	Other	Female	864	51
Confirmed	80+	Other	Female	578	89
Confirmed	Unknown	Other	Female	10	0
Confirmed	0-9	Unknown	Female	2820	0
Confirmed	10-19	Unknown	Female	10016	0
Confirmed	20-29	Unknown	Female	18064	Suppressed
Confirmed	30-39	Unknown	Female	14677	Suppressed
Confirmed	40-49	Unknown	Female	14597	16
Confirmed	50-59	Unknown	Female	14876	23
Confirmed	60-69	Unknown	Female	8655	58
Confirmed	70-79	Unknown	Female	3800	97
Confirmed	80+	Unknown	Female	2595	232
Confirmed	Unknown	Unknown	Female	122	0
Confirmed	0-9	White	Female	9903	0
Confirmed	10-19	White	Female	34148	Suppressed
Confirmed	20-29	White	Female	51302	23
Confirmed	30-39	White	Female	40638	40
Confirmed	40-49	White	Female	38457	108
Confirmed	50-59	White	Female	40040	330
Confirmed	60-69	White	Female	30804	785
Confirmed	70-79	White	Female	18415	1444
Confirmed	80+	White	Female	15075	3483
Confirmed	Unknown	White	Female	124	0
Confirmed	0-9	American Indian/Alaska Native	Male	142	0
Confirmed	10-19	American Indian/Alaska Native	Male	362	0
Confirmed	20-29	American Indian/Alaska Native	Male	439	Suppressed
Confirmed	30-39	American Indian/Alaska Native	Male	362	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Male	345	Suppressed
Confirmed	50-59	American Indian/Alaska Native	Male	283	11
Confirmed	60-69	American Indian/Alaska Native	Male	245	51
Confirmed	70-79	American Indian/Alaska Native	Male	110	31
Confirmed	80+	American Indian/Alaska Native	Male	50	23
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	359	0
Confirmed	10-19	Asian/Pacific Islander	Male	876	0
Confirmed	20-29	Asian/Pacific Islander	Male	1734	Suppressed
Confirmed	30-39	Asian/Pacific Islander	Male	1308	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	995	7
Confirmed	50-59	Asian/Pacific Islander	Male	863	7
Confirmed	60-69	Asian/Pacific Islander	Male	509	32
Confirmed	70-79	Asian/Pacific Islander	Male	227	47
Confirmed	80+	Asian/Pacific Islander	Male	116	35
Confirmed	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Confirmed	0-9	Black/African American	Male	2827	0
Confirmed	10-19	Black/African American	Male	5291	Suppressed
Confirmed	20-29	Black/African American	Male	10993	22
Confirmed	30-39	Black/African American	Male	10403	55
Confirmed	40-49	Black/African American	Male	8840	137
Confirmed	50-59	Black/African American	Male	7974	333
Confirmed	60-69	Black/African American	Male	5669	584

Confirmed	70-79	Black/African American	Male	2833	685
Confirmed	80+	Black/African American	Male	1168	469
Confirmed	Unknown	Black/African American	Male	10	0
Confirmed	0-9	Multiple Races	Male	891	Suppressed
Confirmed	10-19	Multiple Races	Male	2294	0
Confirmed	20-29	Multiple Races	Male	2597	Suppressed
Confirmed	30-39	Multiple Races	Male	1822	Suppressed
Confirmed	40-49	Multiple Races	Male	1783	7
Confirmed	50-59	Multiple Races	Male	1770	13
Confirmed	60-69	Multiple Races	Male	1501	39
Confirmed	70-79	Multiple Races	Male	799	42
Confirmed	80+	Multiple Races	Male	337	54
Confirmed	Unknown	Multiple Races	Male	9	0
Confirmed	0-9	Other	Male	1483	Suppressed
Confirmed	10-19	Other	Male	3391	0
Confirmed	20-29	Other	Male	5352	Suppressed
Confirmed	30-39	Other	Male	4230	7
Confirmed	40-49	Other	Male	3992	25
Confirmed	50-59	Other	Male	3277	40
Confirmed	60-69	Other	Male	1877	84
Confirmed	70-79	Other	Male	818	78
Confirmed	80+	Other	Male	337	72
Confirmed	Unknown	Other	Male	8	0
Confirmed	0-9	Unknown	Male	2986	0
Confirmed	10-19	Unknown	Male	9459	0
Confirmed	20-29	Unknown	Male	18630	Suppressed
Confirmed	30-39	Unknown	Male	15329	15
Confirmed	40-49	Unknown	Male	14032	22
Confirmed	50-59	Unknown	Male	14740	47
Confirmed	60-69	Unknown	Male	8430	87
Confirmed	70-79	Unknown	Male	3176	123
Confirmed	80+	Unknown	Male	1450	151
Confirmed	Unknown	Unknown	Male	143	0
Confirmed	0-9	White	Male	10685	0
Confirmed	10-19	White	Male	32120	Suppressed
Confirmed	20-29	White	Male	44192	32
Confirmed	30-39	White	Male	36624	57
Confirmed	40-49	White	Male	35252	172
Confirmed	50-59	White	Male	39240	558
Confirmed	60-69	White	Male	31170	1283
Confirmed	70-79	White	Male	18144	2168
Confirmed	80+	White	Male	10269	3101
Confirmed	Unknown	White	Male	98	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	8	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	8	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	8	0
Confirmed	10-19	Black/African American	Unknown	25	0
Confirmed	20-29	Black/African American	Unknown	123	0
Confirmed	30-39	Black/African American	Unknown	114	0
Confirmed	40-49	Black/African American	Unknown	119	0
Confirmed	50-59	Black/African American	Unknown	96	0
Confirmed	60-69	Black/African American	Unknown	43	0
Confirmed	70-79	Black/African American	Unknown	11	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	Suppressed	0
Confirmed	0-9	Multiple Races	Unknown	9	0
Confirmed	10-19	Multiple Races	Unknown	20	0
Confirmed	20-29	Multiple Races	Unknown	28	0
Confirmed	30-39	Multiple Races	Unknown	18	0
Confirmed	40-49	Multiple Races	Unknown	22	0
Confirmed	50-59	Multiple Races	Unknown	12	0
Confirmed	60-69	Multiple Races	Unknown	16	0
Confirmed	70-79	Multiple Races	Unknown	6	0
Confirmed	80+	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	24	0
Confirmed	10-19	Other	Unknown	36	0
Confirmed	20-29	Other	Unknown	62	0
Confirmed	30-39	Other	Unknown	54	0
Confirmed	40-49	Other	Unknown	75	0
Confirmed	50-59	Other	Unknown	39	0
Confirmed	60-69	Other	Unknown	18	0
Confirmed	70-79	Other	Unknown	Suppressed	0
Confirmed	80+	Other	Unknown	10	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	127	0
Confirmed	10-19	Unknown	Unknown	363	0
Confirmed	20-29	Unknown	Unknown	632	0
Confirmed	30-39	Unknown	Unknown	448	0
Confirmed	40-49	Unknown	Unknown	440	0
Confirmed	50-59	Unknown	Unknown	411	0
Confirmed	60-69	Unknown	Unknown	207	0

Confirmed	70-79	Unknown	Unknown	94	Suppressed
Confirmed	80+	Unknown	Unknown	63	0
Confirmed	Unknown	Unknown	Unknown	71	0
Confirmed	0-9	White	Unknown	34	0
Confirmed	10-19	White	Unknown	178	0
Confirmed	20-29	White	Unknown	281	0
Confirmed	30-39	White	Unknown	247	0
Confirmed	40-49	White	Unknown	226	0
Confirmed	50-59	White	Unknown	210	0
Confirmed	60-69	White	Unknown	146	0
Confirmed	70-79	White	Unknown	67	Suppressed
Confirmed	80+	White	Unknown	24	0
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	47	0
Probable	10-19	American Indian/Alaska Native	Female	81	0
Probable	20-29	American Indian/Alaska Native	Female	88	0
Probable	30-39	American Indian/Alaska Native	Female	72	0
Probable	40-49	American Indian/Alaska Native	Female	68	0
Probable	50-59	American Indian/Alaska Native	Female	39	0
Probable	60-69	American Indian/Alaska Native	Female	36	Suppressed
Probable	70-79	American Indian/Alaska Native	Female	15	Suppressed
Probable	80+	American Indian/Alaska Native	Female	8	6
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	45	0
Probable	10-19	Asian/Pacific Islander	Female	95	0
Probable	20-29	Asian/Pacific Islander	Female	158	0
Probable	30-39	Asian/Pacific Islander	Female	123	0
Probable	40-49	Asian/Pacific Islander	Female	101	0
Probable	50-59	Asian/Pacific Islander	Female	79	0
Probable	60-69	Asian/Pacific Islander	Female	43	Suppressed
Probable	70-79	Asian/Pacific Islander	Female	17	Suppressed
Probable	80+	Asian/Pacific Islander	Female	7	0
Probable	Unknown	Asian/Pacific Islander	Female	6	0
Probable	0-9	Black/African American	Female	259	0
Probable	10-19	Black/African American	Female	590	0
Probable	20-29	Black/African American	Female	1098	0
Probable	30-39	Black/African American	Female	908	0
Probable	40-49	Black/African American	Female	711	6
Probable	50-59	Black/African American	Female	545	12
Probable	60-69	Black/African American	Female	342	22
Probable	70-79	Black/African American	Female	132	18
Probable	80+	Black/African American	Female	86	38
Probable	Unknown	Black/African American	Female	33	Suppressed
Probable	0-9	Multiple Races	Female	152	0
Probable	10-19	Multiple Races	Female	312	0
Probable	20-29	Multiple Races	Female	266	0
Probable	30-39	Multiple Races	Female	174	0
Probable	40-49	Multiple Races	Female	170	0
Probable	50-59	Multiple Races	Female	163	Suppressed
Probable	60-69	Multiple Races	Female	111	Suppressed

Probable	70-79	Multiple Races	Female	45	0
Probable	80+	Multiple Races	Female	33	7
Probable	Unknown	Multiple Races	Female	68	0
Probable	0-9	Other	Female	102	0
Probable	10-19	Other	Female	246	0
Probable	20-29	Other	Female	325	0
Probable	30-39	Other	Female	249	0
Probable	40-49	Other	Female	219	0
Probable	50-59	Other	Female	157	Suppressed
Probable	60-69	Other	Female	73	Suppressed
Probable	70-79	Other	Female	33	0
Probable	80+	Other	Female	13	Suppressed
Probable	Unknown	Other	Female	19	0
Probable	0-9	Unknown	Female	731	0
Probable	10-19	Unknown	Female	2156	0
Probable	20-29	Unknown	Female	2946	0
Probable	30-39	Unknown	Female	2211	0
Probable	40-49	Unknown	Female	2222	0
Probable	50-59	Unknown	Female	2027	Suppressed
Probable	60-69	Unknown	Female	1284	Suppressed
Probable	70-79	Unknown	Female	476	Suppressed
Probable	80+	Unknown	Female	294	20
Probable	Unknown	Unknown	Female	1690	0
Probable	0-9	White	Female	1831	0
Probable	10-19	White	Female	4909	Suppressed
Probable	20-29	White	Female	5399	Suppressed
Probable	30-39	White	Female	4378	Suppressed
Probable	40-49	White	Female	4178	8
Probable	50-59	White	Female	3971	33
Probable	60-69	White	Female	2501	42
Probable	70-79	White	Female	1257	84
Probable	80+	White	Female	1365	311
Probable	Unknown	White	Female	431	Suppressed
Probable	0-9	American Indian/Alaska Native	Male	41	0
Probable	10-19	American Indian/Alaska Native	Male	106	0
Probable	20-29	American Indian/Alaska Native	Male	84	0
Probable	30-39	American Indian/Alaska Native	Male	62	Suppressed
Probable	40-49	American Indian/Alaska Native	Male	47	Suppressed
Probable	50-59	American Indian/Alaska Native	Male	47	Suppressed
Probable	60-69	American Indian/Alaska Native	Male	26	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	8	Suppressed
Probable	80+	American Indian/Alaska Native	Male	6	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	53	0
Probable	10-19	Asian/Pacific Islander	Male	102	0
Probable	20-29	Asian/Pacific Islander	Male	168	0
Probable	30-39	Asian/Pacific Islander	Male	124	Suppressed
Probable	40-49	Asian/Pacific Islander	Male	87	0
Probable	50-59	Asian/Pacific Islander	Male	62	Suppressed
Probable	60-69	Asian/Pacific Islander	Male	27	Suppressed

Probable	70-79	Asian/Pacific Islander	Male	9	Suppressed
Probable	80+	Asian/Pacific Islander	Male	7	Suppressed
Probable	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Probable	0-9	Black/African American	Male	290	0
Probable	10-19	Black/African American	Male	572	Suppressed
Probable	20-29	Black/African American	Male	825	Suppressed
Probable	30-39	Black/African American	Male	717	Suppressed
Probable	40-49	Black/African American	Male	563	10
Probable	50-59	Black/African American	Male	483	14
Probable	60-69	Black/African American	Male	284	31
Probable	70-79	Black/African American	Male	109	34
Probable	80+	Black/African American	Male	44	23
Probable	Unknown	Black/African American	Male	24	0
Probable	0-9	Multiple Races	Male	140	0
Probable	10-19	Multiple Races	Male	295	0
Probable	20-29	Multiple Races	Male	194	0
Probable	30-39	Multiple Races	Male	156	0
Probable	40-49	Multiple Races	Male	148	Suppressed
Probable	50-59	Multiple Races	Male	121	0
Probable	60-69	Multiple Races	Male	94	Suppressed
Probable	70-79	Multiple Races	Male	40	Suppressed
Probable	80+	Multiple Races	Male	17	7
Probable	Unknown	Multiple Races	Male	56	0
Probable	0-9	Other	Male	109	0
Probable	10-19	Other	Male	269	0
Probable	20-29	Other	Male	336	0
Probable	30-39	Other	Male	271	0
Probable	40-49	Other	Male	232	Suppressed
Probable	50-59	Other	Male	147	Suppressed
Probable	60-69	Other	Male	86	Suppressed
Probable	70-79	Other	Male	30	Suppressed
Probable	80+	Other	Male	9	Suppressed
Probable	Unknown	Other	Male	20	0
Probable	0-9	Unknown	Male	743	0
Probable	10-19	Unknown	Male	2184	Suppressed
Probable	20-29	Unknown	Male	2803	0
Probable	30-39	Unknown	Male	2194	Suppressed
Probable	40-49	Unknown	Male	1949	Suppressed
Probable	50-59	Unknown	Male	1949	Suppressed
Probable	60-69	Unknown	Male	1077	Suppressed
Probable	70-79	Unknown	Male	372	10
Probable	80+	Unknown	Male	173	12
Probable	Unknown	Unknown	Male	1450	0
Probable	0-9	White	Male	1954	0
Probable	10-19	White	Male	4841	Suppressed
Probable	20-29	White	Male	4640	Suppressed
Probable	30-39	White	Male	3745	7
Probable	40-49	White	Male	3562	13
Probable	50-59	White	Male	3632	32
Probable	60-69	White	Male	2276	77

Probable	70-79	White	Male	1112	118
Probable	80+	White	Male	743	193
Probable	Unknown	White	Male	371	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	0-9	Black/African American	Unknown	7	0
Probable	10-19	Black/African American	Unknown	9	0
Probable	20-29	Black/African American	Unknown	11	0
Probable	30-39	Black/African American	Unknown	Suppressed	0
Probable	40-49	Black/African American	Unknown	8	0
Probable	50-59	Black/African American	Unknown	6	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	6	0
Probable	0-9	Multiple Races	Unknown	11	0
Probable	10-19	Multiple Races	Unknown	23	0
Probable	20-29	Multiple Races	Unknown	20	0
Probable	30-39	Multiple Races	Unknown	19	0
Probable	40-49	Multiple Races	Unknown	16	0
Probable	50-59	Multiple Races	Unknown	11	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	Suppressed	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	18	0
Probable	0-9	Other	Unknown	10	0
Probable	10-19	Other	Unknown	32	0
Probable	20-29	Other	Unknown	18	0
Probable	30-39	Other	Unknown	34	0
Probable	40-49	Other	Unknown	21	0
Probable	50-59	Other	Unknown	14	0
Probable	60-69	Other	Unknown	11	0

Probable	70-79	Other	Unknown	Suppressed	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	11	0
Probable	0-9	Unknown	Unknown	216	0
Probable	10-19	Unknown	Unknown	526	0
Probable	20-29	Unknown	Unknown	789	0
Probable	30-39	Unknown	Unknown	646	0
Probable	40-49	Unknown	Unknown	664	0
Probable	50-59	Unknown	Unknown	538	0
Probable	60-69	Unknown	Unknown	292	0
Probable	70-79	Unknown	Unknown	115	0
Probable	80+	Unknown	Unknown	42	0
Probable	Unknown	Unknown	Unknown	2173	0
Probable	0-9	White	Unknown	58	0
Probable	10-19	White	Unknown	142	0
Probable	20-29	White	Unknown	91	0
Probable	30-39	White	Unknown	81	0
Probable	40-49	White	Unknown	84	0
Probable	50-59	White	Unknown	78	0
Probable	60-69	White	Unknown	33	0
Probable	70-79	White	Unknown	31	0
Probable	80+	White	Unknown	9	0
Probable	Unknown	White	Unknown	61	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2021-08-23

Updated	COUNTY	TestType	Count	RatePerMillion
2021/08/23 14:56:42	Alcona	Diagnostic	8790	844786
2021/08/23 14:56:42	Alcona	Serology	201	19318
2021/08/23 14:56:42	Alcona	Total	8991	864104
2021/08/23 14:56:42	Alger	Diagnostic	9197	1009772
2021/08/23 14:56:42	Alger	Serology	407	44686
2021/08/23 14:56:42	Alger	Total	9604	1054458
2021/08/23 14:56:42	Allegan	Diagnostic	131426	1113016
2021/08/23 14:56:42	Allegan	Serology	3254	27557
2021/08/23 14:56:42	Allegan	Total	134680	1140573
2021/08/23 14:56:42	Alpena	Diagnostic	25899	911776
2021/08/23 14:56:42	Alpena	Serology	830	29220
2021/08/23 14:56:42	Alpena	Total	26729	940996
2021/08/23 14:56:42	Antrim	Serology	865	37086
2021/08/23 14:56:42	Antrim	Diagnostic	24837	1064869
2021/08/23 14:56:42	Antrim	Total	25702	1101955
2021/08/23 14:56:42	Arenac	Diagnostic	19145	1286367
2021/08/23 14:56:42	Arenac	Serology	539	36216
2021/08/23 14:56:42	Arenac	Total	19684	1322583
2021/08/23 14:56:42	Baraga	Diagnostic	9779	1191254
2021/08/23 14:56:42	Baraga	Serology	63	7675
2021/08/23 14:56:42	Baraga	Total	9842	1198928
2021/08/23 14:56:42	Barry	Diagnostic	66238	1076166
2021/08/23 14:56:42	Barry	Serology	2118	34411
2021/08/23 14:56:42	Barry	Total	68356	1110577
2021/08/23 14:56:42	Bay	Diagnostic	139909	1356680
2021/08/23 14:56:42	Bay	Serology	7559	73299
2021/08/23 14:56:42	Bay	Total	147468	1429979
2021/08/23 14:56:42	Benzie	Diagnostic	14533	818023
2021/08/23 14:56:42	Benzie	Serology	801	45086
2021/08/23 14:56:42	Benzie	Total	15334	863109
2021/08/23 14:56:42	Berrien	Serology	6570	42829
2021/08/23 14:56:42	Berrien	Diagnostic	263284	1716312
2021/08/23 14:56:42	Berrien	Total	269854	1759141
2021/08/23 14:56:42	Branch	Diagnostic	49543	1138475
2021/08/23 14:56:42	Branch	Serology	675	15511
2021/08/23 14:56:42	Branch	Total	50218	1153986
2021/08/23 14:56:42	Calhoun	Diagnostic	222328	1657198
2021/08/23 14:56:42	Calhoun	Serology	1975	14721
2021/08/23 14:56:42	Calhoun	Total	224303	1671919
2021/08/23 14:56:42	Cass	Diagnostic	44736	863846
2021/08/23 14:56:42	Cass	Serology	850	16413
2021/08/23 14:56:42	Cass	Total	45586	880260
2021/08/23 14:56:42	Charlevoix	Diagnostic	25696	982902
2021/08/23 14:56:42	Charlevoix	Serology	1182	45213
2021/08/23 14:56:42	Charlevoix	Total	26878	1028115
2021/08/23 14:56:42	Cheboygan	Diagnostic	19070	754471
2021/08/23 14:56:42	Cheboygan	Serology	675	26705

2021/08/23 14:56:42	Cheboygan	Total	19745	781176
2021/08/23 14:56:42	Chippewa	Diagnostic	34637	927388
2021/08/23 14:56:42	Chippewa	Serology	401	10737
2021/08/23 14:56:42	Chippewa	Total	35038	938124
2021/08/23 14:56:42	Clare	Serology	1162	37544
2021/08/23 14:56:42	Clare	Diagnostic	27782	897641
2021/08/23 14:56:42	Clare	Total	28944	935186
2021/08/23 14:56:42	Clinton	Serology	4590	57667
2021/08/23 14:56:42	Clinton	Diagnostic	65476	822614
2021/08/23 14:56:42	Clinton	Total	70066	880281
2021/08/23 14:56:42	Correctional	Diagnostic	1034822	
2021/08/23 14:56:42	Correctional	Serology	29276	
2021/08/23 14:56:42	Correctional	Total	1064098	
2021/08/23 14:56:42	Crawford	Serology	384	27372
2021/08/23 14:56:42	Crawford	Diagnostic	12367	881531
2021/08/23 14:56:42	Crawford	Total	12751	908903
2021/08/23 14:56:42	Delta	Serology	981	27414
2021/08/23 14:56:42	Delta	Diagnostic	46502	1299519
2021/08/23 14:56:42	Delta	Total	47483	1326934
2021/08/23 14:56:42	Detroit City	Diagnostic	927820	1427846
2021/08/23 14:56:42	Detroit City	Serology	30766	47347
2021/08/23 14:56:42	Detroit City	Total	958586	1475193
2021/08/23 14:56:42	Dickinson	Diagnostic	21339	845477
2021/08/23 14:56:42	Dickinson	Serology	197	7805
2021/08/23 14:56:42	Dickinson	Total	21536	853283
2021/08/23 14:56:42	Eaton	Diagnostic	142961	1296487
2021/08/23 14:56:42	Eaton	Serology	6854	62158
2021/08/23 14:56:42	Eaton	Total	149815	1358644
2021/08/23 14:56:42	Emmet	Serology	1687	50486
2021/08/23 14:56:42	Emmet	Diagnostic	34670	1037558
2021/08/23 14:56:42	Emmet	Total	36357	1088044
2021/08/23 14:56:42	Genesee	Diagnostic	444026	1094164
2021/08/23 14:56:42	Genesee	Serology	22249	54826
2021/08/23 14:56:42	Genesee	Total	466275	1148990
2021/08/23 14:56:42	Gladwin	Serology	1269	49864
2021/08/23 14:56:42	Gladwin	Diagnostic	23889	938701
2021/08/23 14:56:42	Gladwin	Total	25158	988565
2021/08/23 14:56:42	Gogebic	Diagnostic	20577	1472415
2021/08/23 14:56:42	Gogebic	Serology	262	18748
2021/08/23 14:56:42	Gogebic	Total	20839	1491163
2021/08/23 14:56:42	Grand Traverse	Serology	7063	75874
2021/08/23 14:56:42	Grand Traverse	Diagnostic	100246	1076895
2021/08/23 14:56:42	Grand Traverse	Total	107309	1152769
2021/08/23 14:56:42	Gratiot	Diagnostic	63546	1560905
2021/08/23 14:56:42	Gratiot	Serology	1251	30729
2021/08/23 14:56:42	Gratiot	Total	64797	1591634
2021/08/23 14:56:42	Hillsdale	Diagnostic	50686	1111413
2021/08/23 14:56:42	Hillsdale	Serology	1168	25611
2021/08/23 14:56:42	Hillsdale	Total	51854	1137024
2021/08/23 14:56:42	Houghton	Serology	284	7959

2021/08/23 14:56:42	Houghton	Diagnostic	51729	1449641
2021/08/23 14:56:42	Houghton	Total	52013	1457600
2021/08/23 14:56:42	Huron	Diagnostic	32420	1046448
2021/08/23 14:56:42	Huron	Serology	1004	32407
2021/08/23 14:56:42	Huron	Total	33424	1078855
2021/08/23 14:56:42	Ingham	Diagnostic	387244	1324337
2021/08/23 14:56:42	Ingham	Serology	21377	73107
2021/08/23 14:56:42	Ingham	Total	408621	1397444
2021/08/23 14:56:42	Ionia	Diagnostic	87049	1345487
2021/08/23 14:56:42	Ionia	Serology	2563	39615
2021/08/23 14:56:42	Ionia	Total	89612	1385103
2021/08/23 14:56:42	Iosco	Diagnostic	30602	1217893
2021/08/23 14:56:42	Iosco	Serology	693	27580
2021/08/23 14:56:42	Iosco	Total	31295	1245473
2021/08/23 14:56:42	Iron	Diagnostic	26381	2383969
2021/08/23 14:56:42	Iron	Serology	133	12019
2021/08/23 14:56:42	Iron	Total	26514	2395988
2021/08/23 14:56:42	Isabella	Diagnostic	67583	967240
2021/08/23 14:56:42	Isabella	Serology	1604	22956
2021/08/23 14:56:42	Isabella	Total	69187	990196
2021/08/23 14:56:42	Jackson	Serology	4545	28673
2021/08/23 14:56:42	Jackson	Diagnostic	253289	1597937
2021/08/23 14:56:42	Jackson	Total	257834	1626610
2021/08/23 14:56:42	Kalamazoo	Diagnostic	344641	1300208
2021/08/23 14:56:42	Kalamazoo	Serology	7357	27755
2021/08/23 14:56:42	Kalamazoo	Total	351998	1327964
2021/08/23 14:56:42	Kalkaska	Diagnostic	19603	1086761
2021/08/23 14:56:42	Kalkaska	Serology	855	47400
2021/08/23 14:56:42	Kalkaska	Total	20458	1134161
2021/08/23 14:56:42	Kent	Diagnostic	1026325	1562246
2021/08/23 14:56:42	Kent	Serology	49415	75218
2021/08/23 14:56:42	Kent	Total	1075740	1637464
2021/08/23 14:56:42	Keweenaw	Diagnostic	2527	1194234
2021/08/23 14:56:42	Keweenaw	Serology	38	17958
2021/08/23 14:56:42	Keweenaw	Total	2565	1212193
2021/08/23 14:56:42	Lake	Diagnostic	12706	1071965
2021/08/23 14:56:42	Lake	Serology	249	21007
2021/08/23 14:56:42	Lake	Total	12955	1092972
2021/08/23 14:56:42	Lapeer	Diagnostic	77253	881813
2021/08/23 14:56:42	Lapeer	Serology	4161	47496
2021/08/23 14:56:42	Lapeer	Total	81414	929309
2021/08/23 14:56:42	Leelanau	Diagnostic	14459	664446
2021/08/23 14:56:42	Leelanau	Serology	1159	53260
2021/08/23 14:56:42	Leelanau	Total	15618	717706
2021/08/23 14:56:42	Lenawee	Serology	2624	26653
2021/08/23 14:56:42	Lenawee	Diagnostic	144161	1464292
2021/08/23 14:56:42	Lenawee	Total	146785	1490945
2021/08/23 14:56:42	Livingston	Diagnostic	235543	1226818
2021/08/23 14:56:42	Livingston	Serology	9197	47902
2021/08/23 14:56:42	Livingston	Total	244740	1274721

2021/08/23 14:56:42	Luce	Diagnostic	7286	1169690
2021/08/23 14:56:42	Luce	Serology	38	6100
2021/08/23 14:56:42	Luce	Total	7324	1175791
2021/08/23 14:56:42	Mackinac	Diagnostic	10757	996111
2021/08/23 14:56:42	Mackinac	Serology	159	14724
2021/08/23 14:56:42	Mackinac	Total	10916	1010834
2021/08/23 14:56:42	Macomb	Diagnostic	1044828	1195494
2021/08/23 14:56:42	Macomb	Serology	71469	81775
2021/08/23 14:56:42	Macomb	Total	1116297	1277269
2021/08/23 14:56:42	Manistee	Serology	1017	41412
2021/08/23 14:56:42	Manistee	Diagnostic	22449	914122
2021/08/23 14:56:42	Manistee	Total	23466	955534
2021/08/23 14:56:42	Marquette	Diagnostic	140550	2107228
2021/08/23 14:56:42	Marquette	Serology	1530	22939
2021/08/23 14:56:42	Marquette	Total	142080	2130167
2021/08/23 14:56:42	Mason	Diagnostic	38143	1308777
2021/08/23 14:56:42	Mason	Serology	1144	39253
2021/08/23 14:56:42	Mason	Total	39287	1348030
2021/08/23 14:56:42	Mecosta	Diagnostic	44883	1032909
2021/08/23 14:56:42	Mecosta	Serology	1092	25131
2021/08/23 14:56:42	Mecosta	Total	45975	1058040
2021/08/23 14:56:42	Menominee	Serology	180	7902
2021/08/23 14:56:42	Menominee	Diagnostic	27672	1214750
2021/08/23 14:56:42	Menominee	Total	27852	1222651
2021/08/23 14:56:42	Midland	Serology	7857	94485
2021/08/23 14:56:42	Midland	Diagnostic	77925	937094
2021/08/23 14:56:42	Midland	Total	85782	1031579
2021/08/23 14:56:42	Missaukee	Diagnostic	12525	828483
2021/08/23 14:56:42	Missaukee	Serology	705	46633
2021/08/23 14:56:42	Missaukee	Total	13230	875116
2021/08/23 14:56:42	Monroe	Diagnostic	177714	1180824
2021/08/23 14:56:42	Monroe	Serology	6786	45090
2021/08/23 14:56:42	Monroe	Total	184500	1225914
2021/08/23 14:56:42	Montcalm	Diagnostic	88096	1378913
2021/08/23 14:56:42	Montcalm	Serology	2624	41072
2021/08/23 14:56:42	Montcalm	Total	90720	1419985
2021/08/23 14:56:42	Montmorency	Diagnostic	9930	1064537
2021/08/23 14:56:42	Montmorency	Serology	436	46741
2021/08/23 14:56:42	Montmorency	Total	10366	1111278
2021/08/23 14:56:42	Muskegon	Serology	4152	23922
2021/08/23 14:56:42	Muskegon	Diagnostic	238659	1375033
2021/08/23 14:56:42	Muskegon	Total	242811	1398955
2021/08/23 14:56:42	Newaygo	Serology	1872	38220
2021/08/23 14:56:42	Newaygo	Diagnostic	51740	1056350
2021/08/23 14:56:42	Newaygo	Total	53612	1094569
2021/08/23 14:56:42	Oakland	Diagnostic	1636129	1301010
2021/08/23 14:56:42	Oakland	Serology	128819	102434
2021/08/23 14:56:42	Oakland	Total	1764948	1403443
2021/08/23 14:56:42	Oceana	Diagnostic	39610	1496581
2021/08/23 14:56:42	Oceana	Serology	992	37481

2021/08/23 14:56:42	Oceana	Total	40602	1534061
2021/08/23 14:56:42	Ogemaw	Diagnostic	21671	1032100
2021/08/23 14:56:42	Ogemaw	Serology	642	30576
2021/08/23 14:56:42	Ogemaw	Total	22313	1062676
2021/08/23 14:56:42	Ontonagon	Diagnostic	8642	1510839
2021/08/23 14:56:42	Ontonagon	Serology	72	12587
2021/08/23 14:56:42	Ontonagon	Total	8714	1523427
2021/08/23 14:56:42	Osceola	Serology	1163	49574
2021/08/23 14:56:42	Osceola	Diagnostic	28270	1205030
2021/08/23 14:56:42	Osceola	Total	29433	1254604
2021/08/23 14:56:42	Oscoda	Serology	396	48052
2021/08/23 14:56:42	Oscoda	Diagnostic	6482	786555
2021/08/23 14:56:42	Oscoda	Total	6878	834607
2021/08/23 14:56:42	Otsego	Diagnostic	26196	1061943
2021/08/23 14:56:42	Otsego	Serology	1092	44268
2021/08/23 14:56:42	Otsego	Total	27288	1106210
2021/08/23 14:56:42	Ottawa	Diagnostic	424524	1454696
2021/08/23 14:56:42	Ottawa	Serology	15972	54730
2021/08/23 14:56:42	Ottawa	Total	440496	1509427
2021/08/23 14:56:42	Presque Isle	Diagnostic	12342	980146
2021/08/23 14:56:42	Presque Isle	Serology	593	47093
2021/08/23 14:56:42	Presque Isle	Total	12935	1027240
2021/08/23 14:56:42	Roscommon	Diagnostic	22926	954494
2021/08/23 14:56:42	Roscommon	Serology	783	32599
2021/08/23 14:56:42	Roscommon	Total	23709	987094
2021/08/23 14:56:42	Saginaw	Serology	10206	53564
2021/08/23 14:56:42	Saginaw	Diagnostic	279935	1469174
2021/08/23 14:56:42	Saginaw	Total	290141	1522738
2021/08/23 14:56:42	Sanilac	Serology	1677	40734
2021/08/23 14:56:42	Sanilac	Diagnostic	54655	1327544
2021/08/23 14:56:42	Sanilac	Total	56332	1368278
2021/08/23 14:56:42	Schoolcraft	Diagnostic	6628	818878
2021/08/23 14:56:42	Schoolcraft	Serology	67	8278
2021/08/23 14:56:42	Schoolcraft	Total	6695	827156
2021/08/23 14:56:42	Shiawassee	Serology	2897	42527
2021/08/23 14:56:42	Shiawassee	Diagnostic	79423	1165894
2021/08/23 14:56:42	Shiawassee	Total	82320	1208420
2021/08/23 14:56:42	St Clair	Diagnostic	166015	1043280
2021/08/23 14:56:42	St Clair	Serology	9642	60593
2021/08/23 14:56:42	St Clair	Total	175657	1103872
2021/08/23 14:56:42	St Joseph	Serology	1753	28755
2021/08/23 14:56:42	St Joseph	Diagnostic	63564	1042648
2021/08/23 14:56:42	St Joseph	Total	65317	1071403
2021/08/23 14:56:42	Tuscola	Diagnostic	68841	1317657
2021/08/23 14:56:42	Tuscola	Serology	2475	47373
2021/08/23 14:56:42	Tuscola	Total	71316	1365030
2021/08/23 14:56:42	Unknown	Diagnostic	599112	
2021/08/23 14:56:42	Unknown	Serology	29784	
2021/08/23 14:56:42	Unknown	Total	628896	
2021/08/23 14:56:42	Van Buren	Serology	1834	24235

2021/08/23 14:56:42	Van Buren	Diagnostic	106400	1405975
2021/08/23 14:56:42	Van Buren	Total	108234	1430210
2021/08/23 14:56:42	Washtenaw	Diagnostic	834669	2270584
2021/08/23 14:56:42	Washtenaw	Serology	19349	52636
2021/08/23 14:56:42	Washtenaw	Total	854018	2323220
2021/08/23 14:56:42	Wayne	Serology	86479	78346
2021/08/23 14:56:42	Wayne	Diagnostic	1620918	1468473
2021/08/23 14:56:42	Wayne	Total	1707397	1546819
2021/08/23 14:56:42	Wexford	Diagnostic	34914	1038149
2021/08/23 14:56:42	Wexford	Serology	1361	40469
2021/08/23 14:56:42	Wexford	Total	36275	1078618

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detention facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to de-duplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2021-08-23

MessageDate	COUNTY	Negative	Positive	Total
8/22/2021	Alcona	30	4	34
8/22/2021	Alger	1	0	1
8/22/2021	Allegan	94	18	112
8/22/2021	Alpena	74	20	94
8/22/2021	Antrim	48	7	55
8/22/2021	Arenac	35	4	39
8/22/2021	Baraga	2	0	2
8/22/2021	Barry	79	9	88
8/22/2021	Bay	151	15	166
8/22/2021	Benzie	25	1	26
8/22/2021	Berrien	312	32	344
8/22/2021	Branch	59	13	72
8/22/2021	Calhoun	258	28	286
8/22/2021	Cass	62	4	66
8/22/2021	Charlevoix	51	5	56
8/22/2021	Cheboygan	32	4	36
8/22/2021	Chippewa	52	1	53
8/22/2021	Clare	45	5	50
8/22/2021	Clinton	64	3	67
8/22/2021	Correctional	89	0	89
8/22/2021	Crawford	14	5	19
8/22/2021	Delta	38	6	44
8/22/2021	Detroit City	1185	73	1258
8/22/2021	Dickinson	11	0	11
8/22/2021	Eaton	179	20	199
8/22/2021	Emmet	65	10	75
8/22/2021	Genesee	748	95	843
8/22/2021	Gladwin	36	8	44
8/22/2021	Gogebic	20	4	24
8/22/2021	Grand Traverse	174	14	188
8/22/2021	Gratiot	68	8	76
8/22/2021	Hillsdale	69	19	88
8/22/2021	Houghton	30	2	32
8/22/2021	Huron	30	3	33
8/22/2021	Ingham	568	33	601
8/22/2021	Ionia	102	8	110
8/22/2021	Iosco	78	16	94
8/22/2021	Iron	3	1	4
8/22/2021	Isabella	80	5	85
8/22/2021	Jackson	274	33	307
8/22/2021	Kalamazoo	419	44	463
8/22/2021	Kalkaska	18	0	18
8/22/2021	Kent	1172	129	1301
8/22/2021	Keweenaw	3	0	3
8/22/2021	Lake	12	3	15
8/22/2021	Lapeer	133	18	151
8/22/2021	Leelanau	32	2	34

8/22/2021	Lenawee	182	13	195
8/22/2021	Livingston	474	75	549
8/22/2021	Mackinac	5	1	6
8/22/2021	Macomb	1561	118	1679
8/22/2021	Manistee	42	6	48
8/22/2021	Marquette	36	0	36
8/22/2021	Mason	76	11	87
8/22/2021	Mecosta	50	6	56
8/22/2021	Menominee	21	0	21
8/22/2021	Midland	113	6	119
8/22/2021	Missaukee	7	0	7
8/22/2021	Monroe	229	27	256
8/22/2021	Montcalm	78	10	88
8/22/2021	Montmorency	14	3	17
8/22/2021	Muskegon	418	35	453
8/22/2021	Newaygo	96	10	106
8/22/2021	Oakland	2607	193	2800
8/22/2021	Oceana	48	6	54
8/22/2021	Ogemaw	34	1	35
8/22/2021	Ontonagon	5	1	6
8/22/2021	Osceola	33	8	41
8/22/2021	Oscoda	4	0	4
8/22/2021	Otsego	64	7	71
8/22/2021	Ottawa	620	64	684
8/22/2021	Presque Isle	14	0	14
8/22/2021	Roscommon	26	0	26
8/22/2021	Saginaw	329	21	350
8/22/2021	Sanilac	41	0	41
8/22/2021	Schoolcraft	0	2	2
8/22/2021	Shiawassee	115	25	140
8/22/2021	St Clair	210	12	222
8/22/2021	St Joseph	65	10	75
8/22/2021	Tuscola	84	13	97
8/22/2021	Unknown	347	13	360
8/22/2021	Van Buren	88	10	98
8/22/2021	Washtenaw	1314	71	1385
8/22/2021	Wayne	2289	167	2456
8/22/2021	Wexford	25	0	25
8/21/2021	Alcona	24	7	31
8/21/2021	Alger	4	3	7
8/21/2021	Allegan	126	22	148
8/21/2021	Alpena	65	7	72
8/21/2021	Antrim	23	2	25
8/21/2021	Arenac	31	8	39
8/21/2021	Baraga	1	0	1
8/21/2021	Barry	66	13	79
8/21/2021	Bay	120	14	134
8/21/2021	Benzie	18	0	18
8/21/2021	Berrien	347	52	399
8/21/2021	Branch	64	13	77

8/21/2021	Calhoun	246	25	271
8/21/2021	Cass	45	10	55
8/21/2021	Charlevoix	35	7	42
8/21/2021	Cheboygan	47	2	49
8/21/2021	Chippewa	61	7	68
8/21/2021	Clare	42	10	52
8/21/2021	Clinton	58	11	69
8/21/2021	Correctional	35	1	36
8/21/2021	Crawford	35	2	37
8/21/2021	Delta	60	7	67
8/21/2021	Detroit City	953	85	1038
8/21/2021	Dickinson	18	2	20
8/21/2021	Eaton	158	16	174
8/21/2021	Emmet	81	7	88
8/21/2021	Genesee	576	73	649
8/21/2021	Gladwin	33	7	40
8/21/2021	Gogebic	19	2	21
8/21/2021	Grand Traverse	200	24	224
8/21/2021	Gratiot	50	6	56
8/21/2021	Hillsdale	34	7	41
8/21/2021	Houghton	48	3	51
8/21/2021	Huron	12	3	15
8/21/2021	Ingham	490	36	526
8/21/2021	Ionia	100	9	109
8/21/2021	Iosco	56	14	70
8/21/2021	Iron	5	0	5
8/21/2021	Isabella	62	13	75
8/21/2021	Jackson	259	35	294
8/21/2021	Kalamazoo	486	39	525
8/21/2021	Kalkaska	27	2	29
8/21/2021	Kent	1254	125	1379
8/21/2021	Keweenaw	2	1	3
8/21/2021	Lake	9	3	12
8/21/2021	Lapeer	69	12	81
8/21/2021	Leelanau	44	7	51
8/21/2021	Lenawee	169	15	184
8/21/2021	Livingston	252	37	289
8/21/2021	Luce	4	1	5
8/21/2021	Mackinac	10	3	13
8/21/2021	Macomb	1226	95	1321
8/21/2021	Manistee	34	4	38
8/21/2021	Marquette	94	3	97
8/21/2021	Mason	59	7	66
8/21/2021	Mecosta	46	5	51
8/21/2021	Menominee	27	3	30
8/21/2021	Midland	110	7	117
8/21/2021	Missaukee	20	3	23
8/21/2021	Monroe	161	14	175
8/21/2021	Montcalm	106	17	123
8/21/2021	Montmorency	22	2	24

8/21/2021	Muskegon	396	32	428
8/21/2021	Newaygo	97	5	102
8/21/2021	Oakland	2210	167	2377
8/21/2021	Oceana	68	5	73
8/21/2021	Ogemaw	11	5	16
8/21/2021	Ontonagon	22	3	25
8/21/2021	Osceola	37	3	40
8/21/2021	Oscoda	10	1	11
8/21/2021	Otsego	45	8	53
8/21/2021	Ottawa	561	73	634
8/21/2021	Presque Isle	25	2	27
8/21/2021	Roscommon	37	2	39
8/21/2021	Saginaw	244	32	276
8/21/2021	Sanilac	33	4	37
8/21/2021	Schoolcraft	1	0	1
8/21/2021	Shiawassee	71	14	85
8/21/2021	St Clair	166	12	178
8/21/2021	St Joseph	81	6	87
8/21/2021	Tuscola	84	9	93
8/21/2021	Unknown	403	31	434
8/21/2021	Van Buren	138	22	160
8/21/2021	Washtenaw	738	53	791
8/21/2021	Wayne	1925	183	2108
8/21/2021	Wexford	39	1	40
8/20/2021	Alcona	11	1	12
8/20/2021	Alger	6	1	7
8/20/2021	Allegan	128	23	151
8/20/2021	Alpena	22	4	26
8/20/2021	Antrim	32	1	33
8/20/2021	Arenac	32	6	38
8/20/2021	Baraga	2	0	2
8/20/2021	Barry	76	14	90
8/20/2021	Bay	157	19	176
8/20/2021	Benzie	22	2	24
8/20/2021	Berrien	258	42	300
8/20/2021	Branch	64	18	82
8/20/2021	Calhoun	209	24	233
8/20/2021	Cass	49	14	63
8/20/2021	Charlevoix	32	2	34
8/20/2021	Cheboygan	23	2	25
8/20/2021	Chippewa	51	3	54
8/20/2021	Clare	40	6	46
8/20/2021	Clinton	77	7	84
8/20/2021	Correctional	104	1	105
8/20/2021	Crawford	24	0	24
8/20/2021	Delta	43	14	57
8/20/2021	Detroit City	1536	71	1607
8/20/2021	Dickinson	23	0	23
8/20/2021	Eaton	199	24	223
8/20/2021	Emmet	49	5	54

8/20/2021	Genesee	578	69	647
8/20/2021	Gladwin	26	1	27
8/20/2021	Gogebic	34	1	35
8/20/2021	Grand Traverse	159	8	167
8/20/2021	Gratiot	55	2	57
8/20/2021	Hillsdale	64	12	76
8/20/2021	Houghton	67	3	70
8/20/2021	Huron	20	7	27
8/20/2021	Ingham	510	46	556
8/20/2021	Ionia	114	8	122
8/20/2021	Iosco	50	8	58
8/20/2021	Iron	18	6	24
8/20/2021	Isabella	65	5	70
8/20/2021	Jackson	242	25	267
8/20/2021	Kalamazoo	266	31	297
8/20/2021	Kalkaska	24	3	27
8/20/2021	Kent	1441	140	1581
8/20/2021	Keweenaw	8	0	8
8/20/2021	Lake	14	0	14
8/20/2021	Lapeer	77	16	93
8/20/2021	Leelanau	29	1	30
8/20/2021	Lenawee	172	16	188
8/20/2021	Livingston	372	54	426
8/20/2021	Luce	3	4	7
8/20/2021	Mackinac	10	4	14
8/20/2021	Macomb	1686	98	1784
8/20/2021	Manistee	14	3	17
8/20/2021	Marquette	83	5	88
8/20/2021	Mason	73	5	78
8/20/2021	Mecosta	52	9	61
8/20/2021	Menominee	26	7	33
8/20/2021	Midland	81	10	91
8/20/2021	Missaukee	13	2	15
8/20/2021	Monroe	246	24	270
8/20/2021	Montcalm	79	9	88
8/20/2021	Montmorency	17	1	18
8/20/2021	Muskegon	348	22	370
8/20/2021	Newaygo	73	8	81
8/20/2021	Oakland	2686	192	2878
8/20/2021	Oceana	46	2	48
8/20/2021	Ogemaw	21	4	25
8/20/2021	Ontonagon	6	0	6
8/20/2021	Osceola	31	6	37
8/20/2021	Oscoda	4	1	5
8/20/2021	Otsego	71	17	88
8/20/2021	Ottawa	654	78	732
8/20/2021	Presque Isle	19	0	19
8/20/2021	Roscommon	23	3	26
8/20/2021	Saginaw	368	36	404
8/20/2021	Sanilac	38	4	42

8/20/2021	Shiawassee	94	6	100
8/20/2021	St Clair	226	10	236
8/20/2021	St Joseph	35	12	47
8/20/2021	Tuscola	91	7	98
8/20/2021	Unknown	558	36	594
8/20/2021	Van Buren	88	11	99
8/20/2021	Washtenaw	1284	70	1354
8/20/2021	Wayne	2495	223	2718
8/20/2021	Wexford	33	7	40